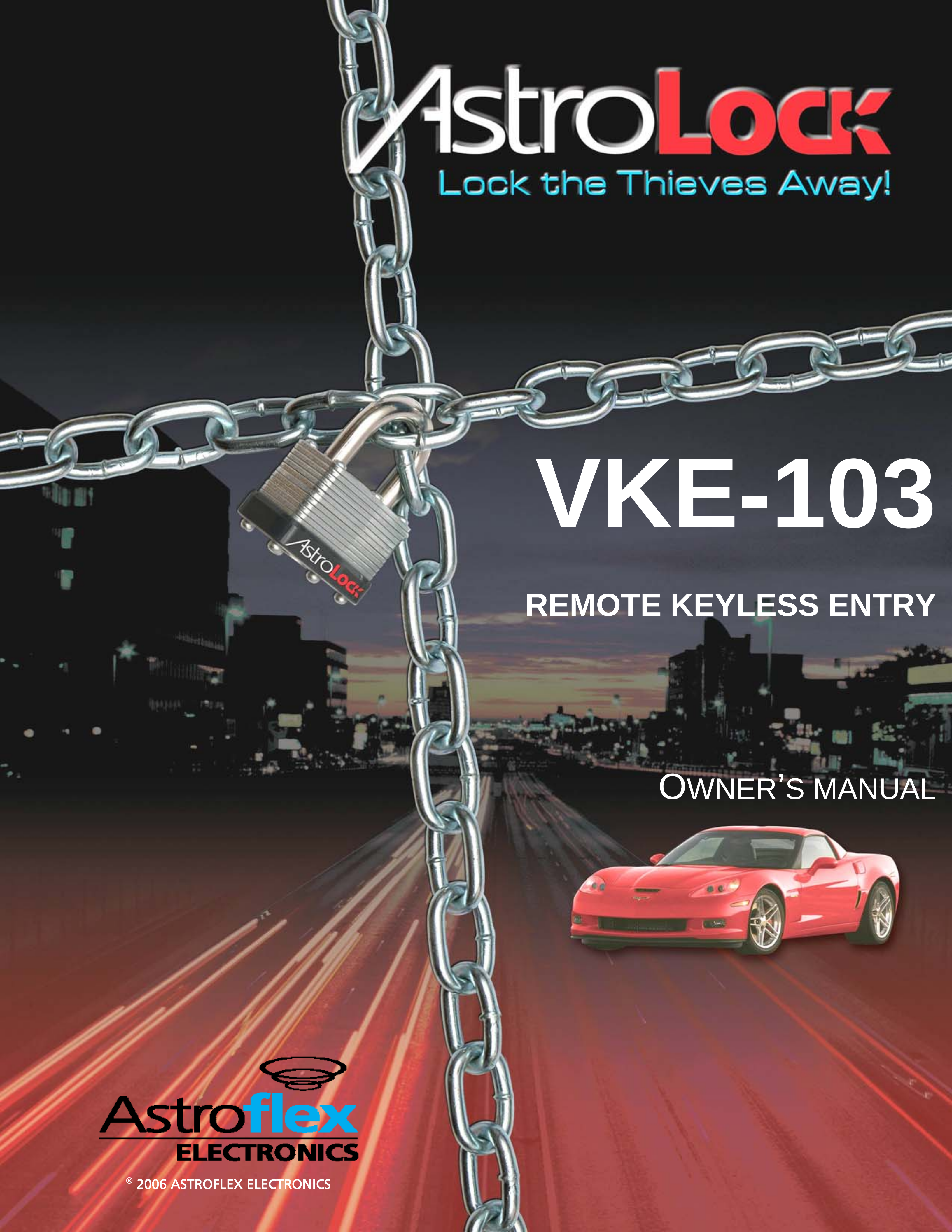


AstroLock

Lock the Thieves Away!

VKE-103

REMOTE KEYLESS ENTRY

OWNER'S MANUAL

Astroflex ELECTRONICS

Table of contents

What is included

- The control module
- Super heterodyne receiver
- Two three-button transmitters
- A status LED indicator light
- A push-button Valet® switch

Important information

Congratulations on the purchase of your keyless entry system.

Due to the complexity of this system, it must be installed by an authorized dealer only. Installation of this product by anyone other than an authorized dealer voids the warranty.

By carefully reading this Owner's Guide prior to using your system, you will maximize the use of this system and its features.

You can print additional or replacement copies of this manual by accessing the Astroflex Electronics web site at www.astroflex.com.

SYSTEM MAINTENANCE

The system requires no specific maintenance. Your remote is powered by a small, lightweight 3-volt lithium battery that will last approximately one year under normal use. When the battery begins to weaken, operating range will be reduced and the LED on the remote will dim.

FCC/ID NOTICE

This device complies with Part 15 of FCC rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Directed Electronics, Inc.

Tested to comply with FCC Standards

Transmitter functions

The receiver uses a computer-based learn routine to learn the transmitter buttons. This makes it possible to assign any specific transmitter button, or combination of buttons, to any receiver function. The transmitter initially comes programmed with the Standard Configuration, but may also be customized by an authorized dealer. The transmitter buttons indicated in all of the instructions in this manual correspond to a Standard Configuration transmitter.

STANDARD CONFIGURATION

Button	Pressing duration	Action	Confirmations
	**1 sec.**	The **locking** function and the **deactivation** of the **Panic mode** is controlled by pressing this button.	Parking lights flashes once. Horn honks once on every commands.
	5 sec.	The **panic mode engages** when this button is depressed for at least 5 seconds.	Panic mode engages.
	**1 sec.**	The **unlocking** function and the **deactivation** of the **Panic mode** is controlled by pressing this button for 1 second.	Parking lights flashes twice. Horn honks twice on every commands.
	5 sec.	The **panic mode engages** when this button is depressed for at least 5 seconds.	Panic mode engages.
	**1 sec.**	Pressing this button before transmitting any commands momentarily disables all the audible confirmations.	Audible confirmations are deactivated.
	1.5 sec.	An optional **auxiliary** function, such as trunk release, can be controlled by pressing this button for 1.5 seconds.	Parking lights flashes three times. Horn honks three times on every commands.
	The auxiliary output controls :		
 & 	**1 sec.**	An optional **auxiliary** convenience or expansion function that you have added to your system can be activated by pressing these buttons simultaneously.	Parking lights flashes four times.
	The auxiliary output controls :		

Using your system

LOCKING

Pressing  for one second activates the starter kill (optional) and locks the doors (if connected). The horn will honk (if connected) and the parking lights will flash once. While the starter kill is enabled, the status LED will flash once per second. The Failsafe® Starter Kill (if installed) will prevent the vehicle's starter from cranking.

> **Note**: Manually locking the vehicle does not activates the Failsafe® system, it will only lock the doors.

The system can also be programmed to activate the optional Failsafe® Starter Kill automatically (called AED for **A**utomatic **E**ngine **D**isable). If the system has been programmed for AED enabled, the Failsafe® Starter Kill will automatically activate 30 seconds after the ignition has been turned

off. After the ignition has been turned off, the status LED flashes slowly to indicate that the AED will be activated then, the LED flashes normally when AED has been activated.

> **Note**: For AED to be effective, the Failsafe® Starter Kill relay must be installed.

UNLOCKING

Pressing  for one second unlocks the doors (if connected). The horn will honk twice (if connected) and the parking lights will flash twice to confirm reception of the command. The optional Failsafe® Starter Kill will be deactivated. The status LED will turn off.

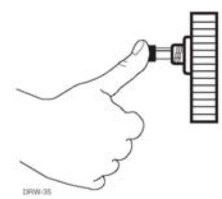
> **Note**: If the doors were locked with the remote transmitter, you must use the transmitter or the Valet switch to deactivate the starter kill. Manually unlocking the vehicle will only unlock the doors.

DISABLING THE AED WITHOUT A TRANSMITTER

If your remote transmitter is lost or damaged, you can manually override the AED. To do this, you must have the vehicle's ignition key and know where the Valet® switch is located. Be sure to check with the installer for the location of the Valet® switch.



To disable the AED, turn the ignition to the ON position. Press and release the Valet switch within 10 seconds. The status LED will stop flashing and the vehicle should start. If the vehicle does not start, you may have waited too long; turn the ignition off and repeat the process.



Location of Valet Button____

SILENT MODE

To temporarily turn OFF the horn honk(s) confirmations, simply press  for less than one second before transmitting any commands, the confirmation honk(s) will not be present for that one operation only.

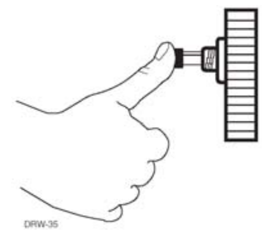
VALET MODE

You can prevent your system from automatically activating the Failsafe® Starter Kill (optional, not included) by using Valet® Mode. This is very useful when washing the vehicle or having it serviced. In Valet® Mode, the starter kill cannot be activated, even with the transmitter, but all convenience functions (door locks, trunk release, etc.) will continue to work normally.



To enter or exit Valet® Mode:

1. Turn the ignition on.
2. Turn the ignition off.
3. Press and release the Valet® switch within 10 seconds. The status LED will light steadily if you are entering Valet® Mode and will turn off if you are exiting Valet® Mode.



PANIC MODE

If you are threatened in or near your vehicle, you can attract attention by triggering the system with your transmitter.

Just press  or  for more then five seconds to enter Panic Mode. In Panic Mode, the horn (if connected) will honk and the parking lights will flash for 30 seconds. To stop Panic Mode at any time, press  or  for 1 second on the transmitter again.

> **Note**: In order for Panic Mode to be effective, the vehicle's horn (or optional siren) as well as the vehicle's parking lights must be connected.

Rapid resume logic

The system will store its current state to non-volatile memory. If power is lost and then reconnected, the system will recall the stored state from memory. This means if the unit is in Valet Mode and the battery is disconnected for any reason, such as servicing the car, when the battery is reconnected the unit will still be in Valet Mode. This applies to all states of the system including panic mode.

Programming options

Programming options control your system's normal, operational set-up. Most options do not require additional parts, but some may require additional installation labour. This system's programming options are listed below, with the factory default settings in **bold**:

- Ignition switch-controlled door-locking on or **off**. With this feature on, the doors will lock 3 seconds after the ignition key is turned on, and unlock when the ignition key is turned off.
- Comfort Closure **off** or on. This option is not available for all vehicles. When programmed on, and pressing  on the remote, the vehicle will lock and close the windows/sunroof. See your dealer to see if this is available for your vehicle.

- Dome light Supervision **Activated** or Deactivated: The dome light will illuminate for 30-seconds after turning the ignition off or when disarming the system with the remote transmitter.

Glossary of terms

Control Unit: The "brain" of your system. Usually hidden under the dash area of the vehicle. It houses the microprocessor that monitors your vehicle and controls all system functions.

LED: A light mounted at a discretionary location inside the vehicle. It is used to indicate the status of your system.

Starter Interrupt: An automatic switch controlled by your system which prevents the vehicle's starter from cranking whenever the system is armed. The vehicle is never prevented from cranking when the system is disarmed, in Valet Mode, or if the starter interrupt switch itself fails. Your system has feature-ready circuitry for the starter interrupt, however installation may require additional labour.

Transmitter: A hand-held, remote control which operates the various functions of your system.

Valet Switch: A small button mounted at a discretionary location inside the vehicle. It is used to override the system when a transmitter is lost or damaged, or to enter or exit Valet® Mode.

Convenience expansions

Listed below are some of the many expansion options available for use with your system. Some options may require additional parts and/or labour. Please consult with your dealer for a complete list of options available for use with this system.

Dome light Supervision: The dome light will illuminate for 30 seconds each time the system is unlocked using the remote. This is useful for seeing inside the vehicle at night prior to entering it.

Power Door Lock Control: Your system is capable of controlling many types of power door lock systems; however, some door lock systems may require extra parts. Consult with your dealer to determine which type of locks your vehicle uses. The system can be programmed to lock the doors when the ignition is turned on and to unlock them when the ignition is turned off.

Power Trunk Release: The system's auxiliary output can be programmed to operate a factory power release for the vehicle's trunk or hatch.

Progressive Door Unlocking: For added security, your system can be configured to unlock the driver's door only, leaving the passenger doors locked. Pressing the unlock button an additional time will unlock the passenger doors. This option requires additional parts and labour.

QUICK REFERENCE GUIDE

Locking (1)	To lock the system press for one second. The doors will lock (if connected). The LED will begin to flash. The Failsafe® Starter Kill will prevent the vehicle's starter from cranking if it has been installed. The vehicle's horn (if connected) will honk and the parking lights will flash once to confirm locking of the system.
Unlocking (1)	To unlock the system press for one second. The doors will unlock (if connected). The Failsafe® Starter Kill will be deactivated and the vehicle's horn (if connected) will honk twice and the parking lights will flash twice.
AED disabling	Turn the ignition to the ON position. Turn the ignition back off. Press and release the Valet® switch within 10 seconds. The status LED will light steadily if you have entered Valet® Mode. To exit Valet® Mode, repeat the steps above. The LED will turn off when exiting Valet® Mode.
To activate Panic Mode	Press and hold or for more than 5 seconds.
To exit Panic Mode	Press or for 1 second.
Location of Valet Switch	The valet switch is located : Note down where the valet switch is located inside the vehicle.

(1) The installation of these functions may require additional optional parts or labour.

Cut along dotted line and fold for a quick and easy reference to keep in your purse or wallet.

The company behind this system is Astroflex Electronics, member of Directed Electronics, Inc.

Call (888) 892-7876 for more information about our products and services.

Astroflex Electronics is committed to delivering world class quality
products and services that excite and delight our customers.

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